



TJW  
1745

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76805

Akinori SUDOH, et al.

Appln. No.: 10/565,302

Group Art Unit: 1745

Confirmation No.: 7084

Examiner: Not Yet Known

Filed: January 20, 2006

For: HIGH DENSITY ELECTRODE AND BATTERY USING THE ELECTRODE

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination  
Filing Receipt Correction  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction:

**Assignment for Published Patent Application**

SHOWA DENKO K.K.

Verification for the requested correction is indicated on the Executed Assignment filed

January 20, 2006.

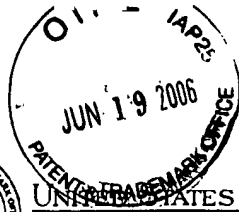
Respectfully submitted,

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

Abraham J. Rosner  
Registration No. 33,276

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: June 21, 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/565,302	01/20/2006	1745	1750	Q76805		37	3

CONFIRMATION NO. 7084

23373  
 SUGHRUE MION, PLLC  
 2100 PENNSYLVANIA AVENUE, N.W.  
 SUITE 800  
 WASHINGTON, DC 20037

## FILING RECEIPT



\*OC000000018794152\*

Date Mailed: 05/17/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Akinori Sudoh, Nagano, JAPAN; ✓  
 Masataka Takeuchi, Kanagawa, JAPAN; ✓

Assignment for Published Patent Application  
SHOWA DENKO K.K.

Power of Attorney: The patent practitioners associated with Customer Number 23373.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/11028 07/27/2004  
 which claims benefit of 60/493,058 08/07/2003  
 and claims benefit of 60/493,059 08/07/2003

## Foreign Applications

## Acceptable Request to Retrieve Priority Application Received?

JAPAN 2003280904 07/28/2003 ✓  
 JAPAN 2003280905 07/28/2003 ✓

NO  
 NO

If Required, Foreign Filing License Granted: 05/13/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/565,302**

Projected Publication Date: 08/24/2006

Non-Publication Request: No

**Best Available Copy**

# ASSIGNMENT

Whereas, I/we,

Akinori SUDOH

c/o OMACHI PLANT, SHOWA DENKO K.K., 6850, Oaza Omachi,  
Omachi-shi, NAGANO 398-0002 JAPAN, and

Masataka TAKEUCHI

c/o Corporate R&D Center, SHOWA DENKO K.K., 5-1, Okawacho,  
Kawasaki-ku, Kawasaki-shi, KANAGAWA 210-0858 JAPAN

hereinafter called assignor(s), have invented certain improvements in

High Density Electrode and Battery Using the Electrode

and executed an application for Letters Patent of the United States of America therefor on

; and

Whereas,

SHOWA DENKO K.K. of

13-9, Shiba Daimon 1-chome, Minato-ku, TOKYO 105-8518 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention,  
and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named  
assignee, its successors and assigns, the entire right, title and interest in the application and the  
invention disclosed therein for the United States of America, including the right to claim priority under  
35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters  
Patent granted upon the invention set forth in the application to the assignee, its successors and  
assigns; and I/we will execute without further consideration all papers deemed necessary by the  
assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100  
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application  
number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the  
filing date and application number of said application when known.

Date: Nov. 30, 2005

sl/ Akinori Sudo  
Akinori SUDOH

Date: Nov. 21, 2005

sl/ Masataka Takeuchi  
Masataka TAKEUCHI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

MODIFIED Form PTO-1595  
(Rev. 10/02)

01-26-2006

AP2006

COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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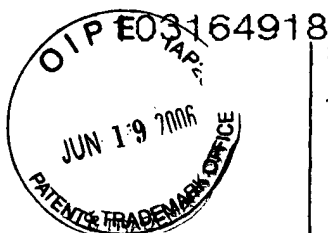
d the attached original documents or copy thereof.  
d address of receiving party(ies):

To the Director of the

1. Name of conveying party(ies)

Akinori SUDOH

Masataka TAKEUCHI



SHOWA DENKO K.K.

13-9, Shiba Daimon 1-chome, Minato-ku,  
TOKYO 105-8518 JAPAN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: November 30, 2005 and November 21,  
2005

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: November 30, 2005 and  
November 21, 2005

A. Patent Application No.(s)  
Not Yet Assigned

B. Patent No.(s)  
Unknown

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed.

☐ Authorized to be charged to Deposit Account No. 19-4880.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the  
original document.

Abraham J. Rosner

Reg. No. 33,276

January 20, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

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